

ABSTRACT

An axial compliant means for a scroll machine, wherein a second scroll revolves around a first scroll to form multiple compression chambers including a low pressure chamber, a medium
5 pressure chamber and a high pressure chamber with working fluid pressure in them increasing gradually and radial-inwardly; a piston with multiple guided holes being subject to pressure of the working fluid connecting to one of those compression chambers through a flow passage is pushed-sliding straight by
10 corresponding multiple guiding posts and pushing both of the scrolls to be axially in touch and sealed with each other.